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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	6
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Complete if Known

Application Number	10/716,247
Filing Date	11/17/2003
First Named Inventor	MORTON
Art Unit	3679
Examiner Name	HEWITT
Attorney Docket Number	4460

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 279134	06-12-1883	COMINS	
	2	US- 385633	07-03-1888	KELLY, ET AL.	
	3	US- 469253	02-23-1892	JOHNSTON	
	4	US- 2281629	05-05-1942	SNOW	
	5	US- 2401605	06-04-1946	BOREN	
	6	US- 2475775	07-12-1949	BOREN	
	7	US- 2570361	10-09-1951	MEJIA	
	8	US- 2602171	07-08-1952	GOOD	
	9	US- 3018492	01-30-1962	ROSEN	
	10	US- 3003164	10-10-1961	CALVELAGE	
	11	US- 3096917	07-09-1963	GUDIKSEN	
	12	US- 3269621	08-30-1966	DISHART	
	13	US- 3336608	08-22-1967	LERNER	
	14	US- 3383718	05-21-1968	SPENCER	
	15	US- 3466678	09-16-1969	GLASER	
	16	US- 3513489	05-26-1970	MILLER, ET AL.	
	17	US- 3708808	01-09-1973	IRBY	
	18	US- 3729752	05-01-1973	HUGGINS	
	19	US- 3763506	10-09-1973	SZEGO	

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Sheet **2** of **6****U. S. PATENT DOCUMENTS**

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	20	US- 3931652	01-13-1976	NAVARRA	
	21	US- 4003098	01-18-1977	FINK	
	22	US- 4366587	01-04-1983	TAKADA	
	23	US- 4441221	04-10-1984	ENSTE, ET AL.	
	24	US- 4471767	09-18-1984	GUIMOND	
	25	US- 4499619	02-19-1985	KASSAI	
	26	US- 4583253	04-22-1986	HALL	
	27	US- 4635305	01-13-1987	WYSS	
	28	US- 4670923	06-09-1987	GABRIEL, ET AL.	
	29	US- 4698862	10-13-1987	MAIRS	
	30	US- 4712258	12-15-1987	EVES	
	31	US- 4750223	06-14-1988	D'ARCY, ET AL.	
	32	US- 4819284	04-11-1989	BROWN	
	33	US- 4819285	04-11-1989	FETTERS	
	34	US- 4873734	10-17-1989	POLLARD	
	35	US- 4999863	03-19-1991	KANE	
	36	US- 5103514	04-14-1992	LEACH	
	37	US- 5115524	05-26-1992	ANTOSKO	
	38	US- 5172435	12-22-1992	GRIFFIN, ET AL.	

FOREIGN PATENT DOCUMENTS

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	39	US- 5216772	06-08-1993	CLUTE	
	40	US- 5233710	08-10-1993	BERNARD	
	41	US- 5333769	08-02-1994	SKROSKI	
	42	US- 5359739	11-01-1994	RAINS, ET AL.	
	43	US- 5367730	11-29-1994	SHER	
	44	US- 5377368	01-03-1995	CHENG	
	45	US- 5379469	01-10-1995	MILLIS, ET AL.	
	46	US- 5383711	01-24-1995	HOUGHTLING	
	47	US- 5409411	04-25-1995	SCHRIEBER	
	48	US- 5430899	07-11-1995	CHISHOLM	
	49	US- 5528785	06-25-1996	PETRUS	
	50	US- 5551108	09-03-1996	BUTLER, III	
	51	US- 5562330	10-08-1996	JANE CABAGNERO	
	52	US- 5604941	02-25-1997	ROMAN	
	53	US- 5675853	10-14-1997	LINGE	
	54	US- 5708994	01-20-1998	CHANDRAN	
	55	US- 5713090	02-03-1998	RODGERS	
	56	US- 5730490	03-24-1998	MORTENSON	
	57	US- 5800368	09-01-1998	KLINGEMANN, ET AL.	

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	58	US- 5802635	09-08-1998	CHEN	
	59	US- 5806924	09-15-1998	GONAS	
	60	US- 5813558	09-29-1998	BURKE	
	61	US- 5819341	10-13-1998	SIMANTOB, ET AL.	
	62	US- 5826287	10-27-1998	TANDRUP	
	63	US- 5884348	03-23-1999	ONISHI, ET AL.	
	64	US- 5916089	06-29-1999	IVE	
	65	US- 5937461	08-17-1999	DOMBROWSKI, ET AL.	
	66	US- 5987665	11-23-1999	SIMANTOB, ET AL.	
	67	US- 6205600-B1	03-27-2001	SEDLACK	
	68	US- 6370715-B1	04-16-2002	MORTON	
	69	US- 6549140-B1	04-15-2003	KOESSLER	
	70	US- 6023802	02-15-2000	KING	
	71	US- 6112347	09-05-2000	THARALSON, ET AL.	
	72	US- 6651275-B1	11-25-2003	RUMMELL	
	73	US- 6654275-B2	11-25-2003	FORBES	
	74	US- 6704949-B2	03-16-2004	WALDMAN, ET AL.	
	75	US- 6823547-B1	11-30-2004	HARDING, ET AL.	
	76	US- 6907627-B2	06-21-2005	WALDMAN, ET AL.	

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Substitute for form 1449/PTO <div style="text-align: center; font-weight: bold; font-size: 1.2em;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div style="text-align: center; font-style: italic; font-size: 0.8em;">(Use as many sheets as necessary)</div>		<div style="text-align: center; font-weight: bold; font-size: 1.1em;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/716.247</td> </tr> <tr> <td>Filing Date</td> <td>11/17/2003</td> </tr> <tr> <td>First Named Inventor</td> <td>MORTON</td> </tr> <tr> <td>Art Unit</td> <td>3679</td> </tr> <tr> <td>Examiner Name</td> <td>HEWITT</td> </tr> <tr> <td>Attorney Docket Number</td> <td>4460</td> </tr> </table>		Application Number	10/716.247	Filing Date	11/17/2003	First Named Inventor	MORTON	Art Unit	3679	Examiner Name	HEWITT	Attorney Docket Number	4460
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	84	US- 11/246,968	02-09-2006	BREMIN, ET AL.	
	85	US- 4366587	01-04-1983	TAKADA	
	86	US- 5333769	08-02-1994	SKROSKI	
	87	US- 5367730	11-29-1994	SHER	
	88	US- 5379469	01-10-1995	MILLIS, ET AL.	
	89	US- 5383711	01-24-1995	HOUGHTLING	
	90	US- 5430899	07-11-1995	CHISHOLM	
	91	US- 5713090	02-03-1998	RODGERS	
	92	US- 5730490	03-24-1998	MORTENSON	
	93	US- 5806924	09-15-1998	GONAS	
	94	US- 5913089	05-29-1999	IVE	
	95	US- 6370715-B1	04-16-2002	MORTON	
	96	US- 6954955-B2	10-18-2005	BREWING, ET AL.	
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